

Vendor ID Registers Required

1. AC'97 Engineering Change Notice: Vendor ID Information

TITLE:	Vendor ID Registers Required
DATE:	June 14, 1999
AFFECTED DOCUMENT(S):	AC'97Revision 2.1. May 22, 1998
SPONSOR:	Intel Corporation

1.1. Clarification / Motivation

Implementation of the AC '97 specification allows OEMs to select a variety of codecs and codec vendors. Features available on these codecs could go beyond the baseline set by the AC '97 specification. These features require specific drivers provided by the Integrated Hardware Vendor. Plug and Play (PnP) aware Operating Systems require that hardware be fully identified in order to properly load the driver that exposes these features.

The AC'97 specification Rev 2.1 section 6.3.15 Vendor ID Register, indicates:

“These registers are for specific vendor identification if so desired.”

Having the codec identification as an option breaks the PnP assumption that the codec may be properly identified to enumerate and load a driver correctly.

1.2. Definition

This change makes Vendor ID Registers (Index 7Ch-7Eh) **required** in the AC'97 Specification Revision 2.1 for all Codec Components.

1.3. Specification Changes

This change revises the AC'97 specification revision 2.1 to accommodate this request as follows:

Page Number	Change Description
46	<p>Modify first paragraph under 6.3.15 Vendor ID Registers (Index 7Ch – 7Eh) as follows:</p> <p>These registers are required for specific vendor identification if so desired. The ID method is Microsoft*'s Plug and Play Vendor ID code with F7..0 the first character of that id, S7..0 the second character and T7..0 the third character. These three characters are ASCII encoded. The REV7..0 field is for the Vendor Revision number.</p>

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